

DISTRIBUTED REFRIGERATION SYSTEM FOR A VEHICLE**ABSTRACT OF THE DISCLOSURE**

A distributed refrigeration system for a vehicle includes a vapor compression
5 primary cooling circuit and a separate secondary cooling circuit. The secondary cooling
circuit utilizes a non-toxic cooling fluid that is pumped to remote locations in the vehicle
through designated supply lines. A heat exchanger acting with the primary cooling circuit
cools the cooling fluid. A portable main storage compartment is fluidly connectable to
the primary or secondary cooling circuits. The portable main cold storage compartment
10 can be expandable. At the remote locations in the vehicle, docking stations permit items
to be selectively cooled by the secondary cooling circuit. Both the primary and secondary
cooling circuits can operate independently of the vehicle engine.